



THE DEVELOPMENT OF PRODUCTION BATCH JOBS MONITORING IN AWS

EXECUTIVE SUMMARY

SavvyMoney Inc., a respected provider of financial technology solutions, sought to further strengthen the reliability of its essential services. With key business operations depending on timely execution of backend batch jobs, the company identified the need for a structured and automated monitoring solution. Partnering with Innovative Digital Transformation LLC (IDT), SavvyMoney implemented a robust system built on AWS that detects job failures, execution delays, and other anomalies—enabling faster response and enhanced operational stability.



THE CHALLENGE

To uphold service excellence and meet the growing expectations of its users, SavvyMoney required greater visibility into the execution of its critical batch jobs. At the time, the company lacked automated tools to:

- Detect when a batch job failed to start
- Identify delays in job execution
- Flag failures as they occurred
- Alert the appropriate teams through existing incident workflows

Without these capabilities, any delay or disruption in batch processes posed risks to downstream systems and overall service availability.

To improve the reliability of our most critical services, we engaged IDT LLC to implement monitoring for key batch jobs supporting essential business operations. Prior to this project, we lacked automated visibility into batch job execution—making it difficult to detect when a job failed to start, ran unusually long, or terminated unexpectedly.

IDT delivered a robust solution on AWS that tracks the status and duration of our batch jobs, with intelligent alerting integrated into our existing incident management workflows. This has significantly reduced our response times and strengthened the stability of core services across the organization. We are thankful to IDT for being a trusted and strategic partner for us. We highly recommend IDT as a reliable and efficient AWS professional services partner.

Michael York
VP, Information Security and DevOps
SavvyMoney Inc.

IDT SOLUTION

IDT worked alongside SavvyMoney's technical leadership to deliver a tailored solution utilizing AWS Batch. The implementation included:

- Real-time tracking of batch job status and performance
- Automated identification of anomalies such as failed or delayed jobs
- Smart alerting configured to integrate with the company's incident response workflows

By aligning the solution with AWS-native services, IDT ensured a scalable and maintainable monitoring system that fits seamlessly into SavvyMoney's operational model.

THE BENEFITS

With the new monitoring system in place, SavvyMoney gained immediate and actionable insights into the health of its batch job infrastructure. The solution significantly reduced manual oversight, improved response times, and helped ensure business-critical processes remain reliable and resilient. This initiative reinforced SavvyMoney's operational integrity and reduced risk across key services.

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